

# HISTORIC AMERICAN ENGINEERING RECORD

## INDEX TO PHOTOGRAPHS

CAPE CANAVERAL AIR FORCE STATION, LAUNCH COMPLEX 39      HAER No. FL-8-11-D  
MOBILE LAUNCHER PLATFORMS (John F. Kennedy Space Center)  
Launcher Road, East of Kennedy Parkway North  
Cape Canaveral  
Brevard County  
Florida

Penny Rogo Bailes, Photographer, December 2008 (FL-8-11-D-1 through FL-8-11-D-70)

FL-8-11-D-1	VIEW OF SIDE 1.
FL-8-11-D-2	VIEW OF SIDES 1 AND 2.
FL-8-11-D-3	VIEW OF SIDE 2.
FL-8-11-D-4	VIEW OF SIDES 2 AND 3.
FL-8-11-D-5	VIEW OF SIDE 3.
FL-8-11-D-6	VIEW OF SIDES 3 AND 4.
FL-8-11-D-7	VIEW OF SIDE 4.
FL-8-11-D-8	VIEW OF SIDES 4 AND 1.
FL-8-11-D-9	DETAIL VIEW OF LOX VALVES, SIDE 1.
FL-8-11-D-10	DETAIL VIEW OF LH2 VALVES, SIDE 1.
FL-8-11-D-11	OVERALL VIEW OF 0 LEVEL OF MLP, FROM THE CORNER WHERE SIDES 3 AND 4 MEET.
FL-8-11-D-12	VIEW OF 0 LEVEL OF MLP, SHOWING SSME EXHAUST OPENING.
FL-8-11-D-13	DETAIL VIEW OF SSME EXHAUST OPENING, LOOKING UP FROM THE GROUND.
FL-8-11-D-14	VIEW OF PORT TSM, LOOKING TOWARDS THE CORNER WHERE SIDES 1 AND 2 MEET.

CAPE CANAVERAL AIR FORCE STATION, LAUNCH COMPLEX 39,  
MOBILE LAUNCHER PLATFORMS (John F. Kennedy Space Center)  
HAER No. FL-8-11-D  
INDEX TO PHOTOGRAPHS (page 2)

FL-8-11-D-15	VIEW OF TAIL SERVICE MASTS, PORT TSM IN THE FOREGROUND, FROM THE CORNER WHERE SIDES 1 AND 2 MEET.
FL-8-11-D-16	DETAIL VIEW OF THE PORT TSM ACCESS DOOR.
FL-8-11-D-17	DETAIL VIEW OF THE INTERIOR OF THE PORT TSM.
FL-8-11-D-18	DETAIL VIEW OF STARBOARD SRB EXHAUST OPENING FROM 0 LEVEL.
FL-8-11-D-19	DETAIL VIEW OF STARBOARD SRB EXHAUST OPENING, LOOKING UP FROM THE GROUND.
FL-8-11-D-20	DETAIL VIEW OF THE SOUND SUPPRESSION SPRAY NOZZLE POSITIONED BETWEEN THE TWO SRB EXHAUST OPENINGS.
FL-8-11-D-21	DETAIL VIEW OF THE SOUND SUPPRESSION SPRAY NOZZLE POSITIONED AT THE CORNER OF THE PORT SRB EXHAUST OPENING.
FL-8-11-D-22	DETAIL VIEW OF A CAMERA PEDESTAL ON THE BLAST DECK OF THE 0 LEVEL.
FL-8-11-D-23	DETAIL VIEW OF A VIDEO CAMERA POSITIONED ALONG THE PERIMETER OF THE MLP.
FL-8-11-D-24	VIEW OF THE BOTTOM FACE OF THE MLP.
FL-8-11-D-25	DETAIL VIEW OF CONNECTOR FOR MATING TO THE CRAWLER TRANSPORTER.
FL-8-11-D-26	VIEW OF ROOM 36AB, LOOKING TOWARDS SIDE 1 OF THE MLP.
FL-8-11-D-27	VIEW OF ROOM 45AB, LOOKING TOWARDS SIDE 2 OF THE MLP.
FL-8-11-D-28	VIEW OF ROOMS 8A (RIGHT) AND 9A (LEFT), LOOKING TOWARDS THE SIDES 2/3 CORNER OF THE MLP.
FL-8-11-D-29	DETAIL VIEW OF THE POWER CONNECTIONS (FRONT) AND COMPUTER PANELS (REAR), ROOM 8A.

CAPE CANAVERAL AIR FORCE STATION, LAUNCH COMPLEX 39,  
MOBILE LAUNCHER PLATFORMS (John F. Kennedy Space Center)  
HAER No. FL-8-11-D  
INDEX TO PHOTOGRAPHS (page 3)

FL-8-11-D-30	DETAIL VIEW OF COMPUTER PANELS, ROOM 8A.
FL-8-11-D-31	DETAIL VIEW OF ELECTRICAL PANELS, NORTH HALF OF ROOM 10A.
FL-8-11-D-32	DETAIL VIEW OF ORBITER PAYLOAD DATA PANELS, SOUTH HALF OF ROOM 10A.
FL-8-11-D-33	DETAIL VIEW OF THE ACCESS DOOR TO ROOM 15A, LOOKING FROM INSIDE THE ROOM TOWARDS THE CORRIDOR.
FL-8-11-D-34	VIEW OF ROOM 21A, LOOKING TOWARDS SIDE 2 OF THE MLP.
FL-8-11-D-35	VIEW OF ROOM 2A, LOOKING TOWARDS SIDE 1 OF THE MLP.
FL-8-11-D-36	VIEW OF ROOM 33A, LOOKING TOWARDS SIDE 2 OF THE MLP.
FL-8-11-D-37	VIEW OF ROOM 34A, LOOKING TOWARDS SIDE 1 OF THE MLP.
FL-8-11-D-38	VIEW OF ROOM 34A, LOOKING TOWARDS SIDE 4 OF THE MLP.
FL-8-11-D-39	DETAIL VIEW OF SOUND SUPPRESSION PIPE WITHIN ROOM 34A, LOOKING TOWARDS SIDE 2 OF THE MLP. NOTE: THE WALL SURFACE IN THE BACKGROUND IS THE OUTER FACE OF THE SSME EXHAUST HOLE.
FL-8-11-D-40	VIEW OF ROOM 43A, LOOKING TOWARDS SIDE 4 OF THE MLP.
FL-8-11-D-41	VIEW OF ROOM 44A, LOOKING TOWARDS SIDE 4 OF THE MLP.
FL-8-11-D-42	VIEW OF ROOM 16A, LOOKING TOWARDS SIDE 1 OF THE MLP.
FL-8-11-D-43	VIEW OF ROOM 41A, LOOKING TOWARDS THE SIDES 1/4 CORNER OF THE MLP.
FL-8-11-D-44	VIEW OF ROOMS 8B AND 21B, LOOKING TOWARDS SIDE 3 OF THE MLP.
FL-8-11-D-45	DETAIL VIEW OF THE AIR LOCK DOOR.

CAPE CANAVERAL AIR FORCE STATION, LAUNCH COMPLEX 39,  
MOBILE LAUNCHER PLATFORMS (John F. Kennedy Space Center)  
HAER No. FL-8-11-D  
INDEX TO PHOTOGRAPHS (page 4)

FL-8-11-D-46	VIEW OF ROOMS 22B AND 9B, LOOKING TOWARDS SIDE 2 OF THE MLP.
FL-8-11-D-47	VIEW OF ROOMS 10B AND 9B, LOOKING TOWARDS SIDE 1 OF THE MLP.
FL-8-11-D-48	VIEW OF ROOM 1B, LOOKING TOWARDS SIDE 3 OF THE MLP.
FL-8-11-D-49	VIEW OF ROOM 15B, LOOKING TOWARDS SIDE 3 OF THE MLP.
FL-8-11-D-50	VIEW OF ROOM 16B, LOOKING TOWARDS SIDE 3 OF THE MLP.
FL-8-11-D-51	DETAIL VIEW OF HYDRAULICS CONTROL PANEL IN ROOM 16B.
FL-8-11-D-52	VIEW OF ROOM 2B, LOOKING TOWARDS SIDE 1 OF THE MLP.
FL-8-11-D-53	VIEW OF ROOM 2B, LOOKING TOWARDS SIDE 3 OF THE MLP. NOTE: SOUND SUPPRESSION PIPE IN THE FOREGROUND
FL-8-11-D-54	VIEW OF ROOM 33B, LOOKING TOWARDS SIDE 2 OF THE MLP.
FL-8-11-D-55	VIEW OF ROOM 34B, LOOKING TOWARDS SIDE 2 OF THE MLP.
FL-8-11-D-56	VIEW OF ROOM 43B, LOOKING TOWARDS SIDE 4 OF THE MLP.
FL-8-11-D-57	DETAIL VIEW OF A CONTROL PANEL IN ROOM 44B, LOOKING TOWARDS SIDE 1 OF THE MLP.
FL-8-11-D-58	DETAIL VIEW SOUND SUPPRESSION VALVES IN ROOM 41B, LOOKING TOWARDS SIDE 2 OF THE MLP.
FL-8-11-D-59	MLP SUPPORT PEDESTAL 4 AT PARKING SITE.
FL-8-11-D-60	MLP SUPPORT PEDESTAL 1 AT PARKING SITE.
FL-8-11-D-61	MLP SUPPORT PEDESTAL 2 AT PARKING SITE.

CAPE CANAVERAL AIR FORCE STATION, LAUNCH COMPLEX 39,  
MOBILE LAUNCHER PLATFORMS (John F. Kennedy Space Center)  
HAER No. FL-8-11-D  
INDEX TO PHOTOGRAPHS (page 5)

Photograph Nos. FL-8-11-D-62 through FL-8-11-D-70 are photocopies of engineering drawings, and are 8" x 10" enlargements from 4" x 5" negatives. Original drawings are located at the Engineering Documentation Office, NASA KSC, Florida.

- FL-8-11-D-62      Photocopy of drawing  
MODIFICATIONS TO CONVERT ML NO. 3 TO MOBILE LAUNCHER  
PLATFORM NO. 1  
NASA, John F. Kennedy Space Center, Florida  
Drawing 79K04401, Reynolds, Smith and Hills, March, 1975  
ISOMETRIC: EXISTING ML NO. 3 LAUNCHER  
Sheet A1
- FL-8-11-D-63      Photocopy of drawing  
MODIFICATIONS TO CONVERT ML NO. 3 TO MOBILE LAUNCHER  
PLATFORM NO. 1  
NASA, John F. Kennedy Space Center, Florida  
Drawing 79K04401, Reynolds, Smith and Hills, March, 1975  
ISOMETRIC VIEW: MLP NO. 1  
Sheet A10
- FL-8-11-D-64      Photocopy of drawing  
MODIFICATIONS TO CONVERT ML NO. 3 TO MOBILE LAUNCHER  
PLATFORM NO. 1  
NASA, John F. Kennedy Space Center, Florida  
Drawing 79K04401, Reynolds, Smith and Hills, March, 1975  
GENERAL ARRANGEMENT, MLP NO. 1, PLAN – DECK 0  
Sheet A12
- FL-8-11-D-65      Photocopy of drawing  
MODIFICATIONS TO CONVERT ML NO. 3 TO MOBILE LAUNCHER  
PLATFORM NO. 1  
NASA, John F. Kennedy Space Center, Florida  
Drawing 79K04401, Reynolds, Smith and Hills, March, 1975  
GENERAL ARRANGEMENT, MLP NO. 1, PLAN – DECK A  
Sheet A13

CAPE CANAVERAL AIR FORCE STATION, LAUNCH COMPLEX 39,  
MOBILE LAUNCHER PLATFORMS (John F. Kennedy Space Center)  
HAER No. FL-8-11-D  
INDEX TO PHOTOGRAPHS (page 6)

- FL-8-11-D-66      Photocopy of drawing  
MODIFICATIONS TO CONVERT ML NO. 3 TO MOBILE LAUNCHER  
PLATFORM NO. 1  
NASA, John F. Kennedy Space Center, Florida  
Drawing 79K04401, Reynolds, Smith and Hills, March, 1975  
GENERAL ARRANGEMENT, MLP NO. 1, PLAN – DECK B  
Sheet A14
- FL-8-11-D-67      Photocopy of drawing  
MODIFICATIONS TO CONVERT ML NO. 3 TO MOBILE LAUNCHER  
PLATFORM NO. 1  
NASA, John F. Kennedy Space Center, Florida  
Drawing 79K04401, Reynolds, Smith and Hills, March, 1975  
GENERAL ARRANGEMENT, MLP NO. 1, ELEVATION – SIDE 1 & 2  
Sheet A15
- FL-8-11-D-68      Photocopy of drawing  
MODIFICATIONS TO CONVERT ML NO. 3 TO MOBILE LAUNCHER  
PLATFORM NO. 1  
NASA, John F. Kennedy Space Center, Florida  
Drawing 79K04401, Reynolds, Smith and Hills, March, 1975  
GENERAL ARRANGEMENT, MLP NO. 1, ELEVATION – SIDE 3 & 4  
Sheet A16
- FL-8-11-D-69      Photocopy of drawing  
MODIFICATIONS TO CONVERT ML NO. 3 TO MOBILE LAUNCHER  
PLATFORM NO. 1  
NASA, John F. Kennedy Space Center, Florida  
Drawing 79K04401, Reynolds, Smith and Hills, March, 1975  
GENERAL ARRANGEMENT, MLP NO. 1, SECTIONS I  
Sheet A17
- FL-8-11-D-70      Photocopy of drawing  
MODIFICATIONS TO CONVERT ML NO. 3 TO MOBILE LAUNCHER  
PLATFORM NO. 1  
NASA, John F. Kennedy Space Center, Florida  
Drawing 79K04401, Reynolds, Smith and Hills, March, 1975  
GENERAL ARRANGEMENT, MLP NO. 1, SECTIONS II  
Sheet A18

CAPE CANAVERAL AIR FORCE STATION, LAUNCH COMPLEX 39,  
MOBILE LAUNCHER PLATFORMS (John F. Kennedy Space Center)  
HAER No. FL-8-11-D  
INDEX TO PHOTOGRAPHS (page 7)

FL-8-11-D-71      Photocopy of drawing  
MODIFICATIONS TO CONVERT ML NO. 3 TO MOBILE LAUNCHER  
PLATFORM NO. 1  
NASA, John F. Kennedy Space Center, Florida  
Drawing 79K04401, Reynolds, Smith and Hills, March, 1975  
GENERAL ARRANGEMENT, MLP NO. 1, SECTIONS IV  
Sheet A20